

AMENDMENTS TO THE CLAIMS

Please cancel claims 2, 8, 14, 17 and 18, amend claims 1, 3, 5-7, 9, 10, 12, 15 and 16, and add new claims 21-23, as follows:

Claim 1 (Currently Amended) A composite adsorbent comprising:

a composite powder ~~(c) which is composed of~~ comprising a particulate compound ~~(a)~~ and a plastic powder ~~(b)~~ adhered to the particulate compound, wherein the particulate compound is selected from the group consisting of an amorphous titanosilicate particulate compound, an A-type zeolite particulate compound and an X-type zeolite particulate compound ~~(a)~~; and

at least one adsorptive substance ~~(d)~~ selected from the group consisting of powdery, particulate and fibrous substances.

Claim 2 (Cancelled).

Claim 3 (Currently Amended) The composite adsorbent according to claim 1, wherein the particulate compound ~~(a) is~~ has a mean particle diameter of 200 μ m or less ~~in mean particle diameter~~.

Claim 4 (Withdrawn-Previously Presented) The composite adsorbent according to claim 1, wherein the particulate compound has an ion exchanging function.

Claim 5 (Currently Amended) The composite adsorbent according to claim 1, wherein the particulate compound is an amorphous titanosilicate particulate compound ~~a titanosilicate-based compound~~.

Claim 6 (Withdrawn-Currently Amended) The composite adsorbent according to claim 1, wherein the particulate compound is an A-type zeolite particulate compound ~~an aluminosilicate-based compound~~.

Claim 7 (Currently Amended) The composite adsorbent according to claim 1, wherein an adhesion quantity of the particulate compound is ~~50 to 95% by weight~~ 50-95 wt. % of the composite powder.

Claim 8 (Cancelled).

Claim 9 (Currently Amended) The composite adsorbent according to claim 1, wherein the plastic powder ~~(b)~~ is a thermoplastic resin.

Claim 10 (Currently Amended) The composite adsorbent according to claim 9, wherein ~~a melt flow rate of~~ the thermoplastic resin ~~ranges~~ has a melt flow rate of from 0.02g/10 minutes to 40g/10 minutes.

Claim 11 (Previously Presented) The composite adsorbent according to claim 9, wherein the thermoplastic resin is polyethylene.

Claim 12 (Currently Amended) The composite adsorbent according to claim 1, wherein the adsorptive substance ~~(d)~~ is an activated carbon.

Claim 13 (Previously Presented) The composite adsorbent according to claim 1, wherein the composite adsorbent is a molded article.

Claim 14 (Cancelled).

Claim 15 (Withdrawn-Currently Amended) A method for producing [[a]] the composite adsorbent according to claim 1, wherein the method comprises comprising:

~~muting a~~ mixing the particulate compound and [[a]] the plastic powder together to form a mixture;

heating ~~a resulting~~ the mixture beyond a melting point of the plastic powder;

cooling the mixture;

sieving the mixture ~~and thereby making a~~ to obtain the composite powder; and

mixing the composite powder with [[an]] the adsorptive substance to produce the composite absorbent.

Claim 16 (Withdrawn-Currently Amended) The method ~~for producing a composite adsorbent~~ according to claim 15[[,]] further comprising performing pressing and molding operations.

Claim 17 (Cancelled).

Claim 18 (Cancelled).

Claim 19 (Previously Presented) A water purification material comprising the composite adsorbent according to claim 1.

Claim 20 (Previously Presented) A water purifier comprising the water purification material according to claim 19.

Claim 21 (New) The water purifier according to claim 20, wherein the water purification material has a lead removal capability of 35 L or more per cc at a space velocity of 1000 hr^{-1} .

Claim 22 (New) The composite adsorbent according to claim 1, wherein the particulate compound is an X-type zeolite particulate compound.

Claim 23 (New) A method for producing a composite adsorbent comprising:
mixing a particulate compound and a first plastic powder together to form a first mixture, wherein the particulate compound is selected from the group consisting of an amorphous titanosilicate particulate compound, an A-type zeolite particulate compound and an X-type zeolite particulate compound;

heating the first mixture beyond a melting point of the first plastic powder;

cooling the first mixture;

sieving the first mixture to obtain a composite powder;

mixing the composite powder with an adsorptive substance and a second plastic powder to form a second mixture;

heating the second mixture beyond a melting point of the second plastic powder; and

performing pressing and molding operations.